

2004 Severe Weather Awareness Week Quiz Answers

1. Of the estimated 100,000 thunderstorms that occur each year in the United States, about ____ percent are classified as severe.

D. 2

2. A thunderstorm is considered severe if it produces hail at least ____ inch in diameter, winds of ____ mph or stronger, or a tornado.

B. 3/4, 58

3. Severe thunderstorms can produce winds of:

D. 100 mph or greater

4. Strong winds from a thunderstorm can:

D. All of the above (exceed 100 mph, cause damage equal to a tornado and be extremely dangerous to aviation)

5. Flash flooding is the number one cause of deaths associated with thunderstorms.

A. True

6. Although tornadoes can appear from any direction, most move from ____ to ____.

D. Southwest to Northeast, or West to East

7. A tornado can change direction or even backtrack.

A. True

8. Most tornadoes last:

B. less than 10 minutes

9. All tornadoes in the northern hemisphere rotate cyclonically (counterclockwise)

B. False

10. An F5 tornado has an estimated wind speed of:

D. 261 mph or more

11. The most widely used method worldwide to measure the damage done by a tornado is the:

B. Fujita scale

12. Lightning occurs in all thunderstorms; each year lightning strikes the earth:

D. 20 million times

13. The rubber soles of shoes or rubber tires on a car will protect you from being struck by lightning .

B. False

14. Most flash flood fatalities occur at night and most victims are people who become trapped in automobiles.

A. True

15. _____ inches of fast-moving water can knock you off your feet.

A. Six

16. A depth of 2 feet of water will cause most vehicles to float.

A. True

17. Large hail causes more than _____ in damage to property and crops each year.

D. 1 billion dollars

18. Large hail stones fall at speeds faster than 100 mph.

A. True

19. The biggest outbreak of tornadoes occurred on April 3rd and 4th of 1974 when _____ tornadoes touched down in 13 states.

D. 147

20. The Tri-state tornado of March 18, 1925 killed _____ people as it raced along at 60 to 73 mph in a 219 mile track across parts of Missouri, Illinois and Indiana producing F5 damage. This was the deadliest tornado on record.

B. 695

21. The record for most tornadoes in any month occurred in _____. There were 516 confirmed tornadoes.

D. May 2003

22. The biggest known tornado occurred in the high plains of the Texas panhandle near Gruver on June 9, 1971. This tornado was over 2 miles wide, with an average width of 2500 yards.

A. True